

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An etched circuit with lightning protection, comprising:

at least one main line connected to a connector adapted to the output of the a transmission antenna of the a transmission system working at a fixed frequency f_0 or in a narrow frequency band Δf_0 , the circuit comprising around the fixed frequency f_0 :
a capacitor, wherein said circuit comprises
at least one first line, with a first length [[l₁]] and a first width that may or may not be constant, connected to said connector and terminated by a short circuit that is open circuited the main line and substantially equivalent to an open circuit with respect to the main line for the frequency f_0 .

Claim 2 (Currently Amended): An etched circuit with lightning protection according to the above claim, claim 1, further comprising:

a second line, with a second length [[l₂]] and a second width that may or may not be constant, connected to the output of the capacitor and terminated by a short circuit that is open circuited main line and substantially equivalent to an open circuit with respect to the main line for the frequency f_0 ; and
a capacitor arranged on the main line and between the first line and the second line.

Claim 3 (Currently Amended): An etched circuit with lightning protection according to the above claim claim 1, wherein the widths of the first and second lines are different.

Claim 4 (Currently Amended): An etched circuit with lightning protection according to ~~one of the above claims~~ claim 1, wherein the first line comprises at least one first open stub.

Claim 5 (Currently Amended): An etched circuit with lightning protection according to ~~one of the claims 2 to 4~~ claim 4, wherein the second line comprises at least one second open stub.

Claim 6 (Currently Amended): An etched circuit with lightning protection according to ~~one of the above claims~~ claim 1, wherein the first length [[l_1]] of the first line and/or the length l_2 of the second line is a quarter of the wavelength of the frequency used f_0 .

Claim 7 (Currently Amended): An etched circuit with lightning protection according to ~~one of the above claims~~ claim 1, wherein the width and/or or the length of the first line and/or of the second line and/or of the first stub and/or of the second stub are is determined as a first function of [[the]] a harmonic or harmonics nf_0 , n being an integer greater than or equal to 2, (with n as an integer ≥ 2) to be filtered.

Claim 8 (Currently Amended): A method for the manufacture of the [[an]] etched circuit with lightning protection[[,]] according to one of the claims 1 to 7, 1-7 and 9-15, the method comprising:

[[the]] etching of the lines and of the capacitor of said etched circuit on the base of said etched circuit[[,]];

[[the]] depositing of a film of conductive material; and,

if necessary, [[the]] scraping away ~~of the~~ an excess of the conductive material in order to retain only the conductive material that has been deposited in the lines and the capacitor etching.

Claim 9 (Currently Amended): An application ~~of the above-identified~~ etched circuit with lightning protection according to ~~one of the above claims 1 to 7, to the filtering of the claim 7, wherein the function is~~ of a second harmonic $2f_0$ and ~~the~~ or a third harmonic $3f_0$, n being equal to 2 or 3.

Claim 10 (Currently Amended): An application ~~of the method for the manufacture of an etched circuit with lightning protection according to claim [8]] 7, wherein the function is to the manufacture of an etched circuit with a common function of lightning protection and of the filtering of one of more harmonics nf_0 , (with n being an integer ≥ 3) greater than 3.~~

Claim 11 (New): An etched circuit with lightning protection according to claim 6, wherein the second length of the second line is a quarter of the wavelength of the frequency used f_0 .

Claim 12 (New): An etched circuit with lightning protection according to claim 7, wherein the width or the length of the second line is determined as the first or a second function of a harmonic or harmonics nf_0 , n being greater than or equal to 2, to be filtered.

Claim 13 (New): An etched circuit with lightning protection according to claim 1, wherein a width or a length of the first stub is determined as a first function of a harmonic or harmonics nf_0 , n being an integer greater than or equal to 2, to be filtered.

Claim 14 (New): An etched circuit with lightning protection according to claim 13, wherein a width or a length of the second stub is determined as the first or a second function of a harmonic or harmonics nf_0 , n being an integer greater than or equal to 2, to be filtered.